

ZHVIRKO, I.S.

Construction of a sugar factory in the Bashkiria A.S.S.R. Sakh.
prom. 33 no.11:70-71 N '59 (MIHA 13:3)
(Meleuz--Sugar industry)

ZHVIRKO, I.S.; STUDENETSKIY, V.A.

First Congress of the Scientific and Technical Society of the
Food Industry. Sakh. prom. 33 no.8:77-78 Ag '59.

(MIRA 12:11)

(Food industry--Congresses)

BORKOVSKIY, M.A.; VOSTOKOV, A.I.; ZHIVIRKO, I.S.; LEPESHKIN, I.P.;
NED'NIK, M.K.; MITROFANOV, V.P.; RODKEVICH, A.V.; SILIN,
P.I. [deceased]; YAKUBOVSKIY, V.V.; YEREMENKO, B.A.,
retsenzent; MAR'YANCHIK, V.L., retsenzent; MAKSIMOV, A.I.,
retsenzent; PRITYKINA, L.A., red.

[Handbook for the sugar manufacturer] Spravochnik sakhar-
nika. Moskva, Fishchevaia promyshlennost'. Pt. 2. 1965.
'78 p. (MIRA 18:9)

PARSHIKOV, M.Ya.; MAKHINYA, M.M.; SILIN, P.M.; YAPASKURT, V.V.; YEPISHIN, A.S.;
SHAKIN, V.N.; ZHIDKOV, A.A.; KHELEMSKIY, M.Z.; KARTASHOV, A.K.; NEVIN, G.S.;
LEPESHKIN, I.P.; KRASNYUK, G.M.; ZHVIRKO, I.S.; ZELIKMAN, I.P.; KHEYZE, H.V.

Birthday of P.V.Golovin. Sakh.prom.29 no.5:7 '55. (MLRA 8:11)
(Golovin, Pavel Vasil'evich, 1880-)

YUTSIS, A.P., [Jucys, A.]; VIZBARAYTE, Ya.I. [Vizbaraitis, J.];
ZHVIRONAYTE, S.A. [Zvironaitis, S.]

Calculation of matrix elements of the energy operator in
the case when one electron is outside the unfilled shell.
Liet ak darbai B no.4:59-72 '61.

1. Institut fiziki i matematiki AN Litovskoy SSR i
Vil'nyusskiy gosudarstvennyy universitet im. V. Kapsukasa.

ZHVIRONAYTE, S.A. [Zvironaite, S.]; VIZBARAYTE, Ya.I. [Vizbaraite, J.]
YUTSIS, A.P. [Jucys, A.], akademik

Calculation of matrix elements of the energy operator in the
case of one electron outside the quasi-closed shell. Trudy
AN Lit. SSR. Ser. B no.1:3-15 '62 (MIRA 17:8)

1. Institut fiziki i matematiki AN Litovskoy SSR i Vil'nyusskiy
gosudarstvennyy universitet im. V.Kapsukasa. 2. Zamestitel'
glavnogo redaktora zhurnala "Trudy AN Litovskoy SSR; serija "B"
(for Yatsis).

S/081/61/000/021/005/094
B102/B138

AUTHORS: Zhvironayte, S. A., Vizbarayte, Ya. I., Yutsis, A. P.

TITLE: Two-electron matrix elements of the energy operator in the case of Ls-coupling

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 12, abstract 21B85 (Tr. AN LitSSR, B, v. 1(24), 1961, 49 - 64)

TEXT: A mathematical procedure is shown, for the calculation of two-electron systems in the case of Ls-coupling. The coefficients of the radial integrals in the expressions of the matrix elements of the energy operator are given numerically for spin-orbital as well as for electrostatic interactions for 3l, pp, pd, pf, pg, dd, df and dg configurations. [Abstracter's note: Complete translation.]

Card 1/1

L 18020-63	DDS		
ACCESSION NR: AT3002103		S/2910/61/001/01-0033/0037	
AUTHORS: Zhvironayte, S. A.; Virbarayte, Ya. I.; Juova, A. T. (50-47)			
TITLE: Contribution to the problem of types of vector coupling in a $p^2\ell$ configuration			
SOURCE: AN Lit SSR. Litovskiy fizicheskiy sbornik, v.1, no.1-2, 1961, 33-37			
TOPIC TAGS: vector coupling, configuration $p\ell$, matrix elements, energy operator, spin-orbit interaction, electrostatic interaction, O, N, oxygen energy level, nitrogen energy level			
ABSTRACT: This theoretical paper is a further development of a paper by the same authors in Akad. nauk LitSSR, Trudy, B, v. 2(25), 1961, 53, in which an examination of the problem of the types of vector coupling for a configuration $b1$ permitted them to make certain conclusions on the regularities prevailing in the change of type of coupling following an increase in the degree of excitation. The present paper develops expressions for the diagonal and nondiagonal matrix elements of the energy operator of the spin-orbit interaction in the case of LS coupling and for the diagonal matrix elements of the energy operator of electrostatic and spin-orbit interaction in the case of LS_0 and J_1 coupling. The question of just what types of vector coupling prevail in specific examples is			
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ACCESSION NR: AT3002103

examined in the case of O II and N I atoms with reference to the configuration

$1s^2 2s^2 2p^2 4f$. The arrangement of the energy levels is compared for the experimental and for the LS_0 and the $J_0 1$ theoretical cases. A comparison of the experimental and theoretical data in the case of O II permits the conclusion that the LS_0 and $J_0 1$ couplings are equally suitable in the $2p^2 4f$ configuration. In the transition to N I the LS coupling is not suitable. It is possible that with the decrease in Z the transition to nonhomogeneous coupling occurs at lower degrees of excitation. Orig. art. has 4 formulas and 2 figures.

ASSOCIATION: Institut fiziki i matematiki Akademii nauk Litovskoy SSR (Institute of physics and mathematics, Academy of Sciences, LithSSR)

SUBMITTED: 16May61 DATE ACQ: 23Apr63 ENCL: 00

SUB CODE: PH, MM, EL NO REF Sov: 005 OTHER: 003

Card 2/2

S/236/62/000/001/001/007
D234/D308

AUTHORS: Zhvironayte, S.A., Vizbarayte, Ya.I. and Yutsis, A.P.

TITLE: Calculation of matrix elements of the energy operator in the case of a single electron outside a partially filled shell

SOURCE: Akademiya nauk Litovskoy SSR. Trudy. Seriya B, no. 1(28), 1962, 3-15

TEXT: The authors refer to their previous paper (Trudy AN Litovskoy SSR, B 4(27), 59, 1961) where general expressions were derived for the matrix element of a single electron outside a shell. If the shell is almost completely filled, these expressions can be simplified by making use of the properties of the operators of complementary shells (the configuration t^{4l+2-N} and 1^N). The operator of electrostatic interaction energy is discussed and general expressions are obtained for the coefficients of radial integrals of electrostatic interaction of exchange type, for the four kinds of coupling LS , J_{0l} , LS_0 and J_{0j} . These coefficients are computed for a

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S/236/G2/000/001/001/007

D234/D308

Calculation of matrix elements ...

p^4 ₁ configuration with LS₀ coupling. Energy levels of Ne II in the ls²2s²2p⁴4f configuration, computed by the authors for J₀1 and LS₀ coupling, are compared in a diagram with the experimental levels. It is concluded that the J₀1 coupling can be used for classification of the levels, while the LS₀ coupling is useless. There are 1 figure and 1 table.

ASSOCIATION: Institut fiziki i matematiki Akademii nauk Litovskoy SSR (Institute of Physics and Mathematics, AS Lithuania), Vil'nyusskiy gosudarstvennyy universitet im. V. Kapsukasa (Vilna State University im. V. Kapsukas)

SUBMITTED: July 6, 1961

Card 2/2

S/058/62/000/007/005/068
A061/A101

AUTHORS: Yutsis, A. P., Vizbarayte, Ya. I., Zhvironayte, S. A.

TITLE: Calculating the matrix elements of the energy operator in the case of one electron outside of an unfilled shell and for different types of coupling

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 18, abstract 7A173
("Tr. AN LitSSR", 1961, v. B, 4 (27), 59 - 72; Lith. summary)

TEXT: It is assumed that L-S coupling takes place in an unfilled shell, and that the resulting moments of this shell add vectorially to the moments of the outer electron in different types of coupling. The wave function is expressed by a linear combination of functions of the coupled moments. Expressions are given for the transformation matrices allowing for both the transition from the L-S coupling to other types and the coordinates interchange. Formulas are obtained for the matrix elements of electrostatic and spin-orbital interaction operators in different types of coupling.

[Abstracter's note: Complete translation]

Card 1/1

ACCESSION NR: AT4041507

8/2910/63/003/01-/0155/0158

AUTHOR: Zhvironayte, S. A., Vizbarayte, Ya. I., Karosene, A. V., Savukinas, A. Yu.

TITLE: The problem of the classification of the energy spectrum of atoms in the $2p^N$ configuration

SOURCE: AN LitSSR. Litovskiy fizicheskiy sbornik, v. 3, no. 1-2, 1963, 155-158

TOPIC TAGS: energy spectrum, energy spectrum classification, electron shell

ABSTRACT: The structure of the energy spectrum of the $2p^N$ configuration for various degrees of shell filling and various levels of excitation of the outer electron is fully explored in the existing literature. In the present paper, the authors review some of the results of these theoretical investigations of the energy spectrum of N, O, F and Ne. When the excitation of the outer electron is increased, the LS-bond becomes invalid and the LS_0 -bond and J_0l -bond appear instead (sequential structure bonds). These bonds appear at lower excitation levels when the number of electrons in the closed shell is large. For atoms with the same ionization level, the sequential structure bonds appear at lower excitation levels of the outer electron in the atom with lower N (or Z). When two atoms have

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ACCESSION NR: AT4041507

the same Z, the sequential structure bonds appear at low levels of outer electron excitation when N is large (ionization level small). When two atoms have the same number of electrons in the partially filled shell, the sequential structure bonds appear at low levels of outer electron excitation when the nucleus charge is small. Orig. art. has: 1 table.

ASSOCIATION: Institut fiziki i matematiki Akademii nauk Litovskoy SSR (Institute of Physics and Mathematics, Academy of Sciences, Lithuanian SSR)

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NO REF SOV: 008

OTHE R: 003

2/2

Card

24.6300

S/058/62/000/006/019/136
A061/A101

AUTHORS: Yutsis, A. P., Dagis, R. S., Vizbarayte, Ya. I., Zhvironayte, S. A.

TITLE: A more accurate definition of expressions for the matrix elements of spin-interaction operators

PERIODICAL: Referativnyy zhurnal, Fizika, no. 6, 1962, 1, abstract 6V2
("Tr. AN LitSSR", 1961, v. B3(26), 53 - 66, Lith. summary)

TEXT: Expressions have been obtained for radial integrals indicating the energy of spin-spin (magnetic) interaction of electrons in the atom. The characteristics of these integrals are established, and the inaccuracy of expressions for two-electron matrix elements of spin interaction, obtained earlier (Marvin, H. H. "Phys. Rev.", 1947, v. 71, 102; RZhFiz, 1960, no. 9, 22881) is pointed out. Tables compiled with appropriate calculations convey the corrections to be introduced in the papers mentioned above.

[Abstracter's note: Complete translation]

Card 1/1

ZHVIRONAYTE, S.V. [Zvironaite, S.]; DACIS, R.S. [Dagys, R.]

Matrix elements of the energy operator of spin-orbital interaction
in case of d-electrons. Liet ak darbai B no.3:3-13 '60. (EEAI 10:3)

1. Institut fiziki i matematiki Akademii nauk Litovskoy SSR i
Vilnyusskiy gosudarstvennyy universitet im. V.Kapsukasa
(Matrices) (Electrons)

I 26593-66 EWT(1)

ACC NR: AF6611413

SOURCE CODE: UU/0021/65/000/003/0286/0291

6
6

AUTHOR: Naumov, A. L.; Zhigots'ka, N. I. — Zhigotskaya, N. I.

ORG: Kiev State University (Kyiv's'kyi derzhavnyi universytet)

TITLE: Approximate method of determining forced oscillations described by certain nonlinear differential equations.

SOURCE: AN UkrNSR. Dopovidi, no. 3, 1966, 286-291

TOPIC TAGS: nonlinear differential equation, oscillation, approximate solution, harmonic oscillation

ABSTRACT: This is a continuation of earlier work by the authors (Izv. vyssh. uch. zaved. elektromekhanika No. 1, 3, 1965), where an approximate method was developed for obtaining nonlinear differential equations (or systems of linear differential equations with nonlinear coefficients) describing forced oscillations. The present article is devoted to an analysis of the solutions obtained there with an aim at determining the accuracy of the equation. The particular differential equation analyzed is

$$L \frac{d^2q}{dt^2} + r \frac{dq}{dt} + \frac{q}{C} + \beta f(q, \dot{q}) = u, \quad (1)$$

where r , L , and C are constant coefficients, u a specified sinusoidal function of the time ($u = U_m \sin(\omega t) + \alpha$), and f is a power function of q and \dot{q} , and possibly of higher

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L 26593-66

ACC NR. AP60 1413

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order derivatives; β is a small parameter. It is proved that by adding to the sinusoidal solution $q = q_0 \sin(\omega t)$ a higher harmonic, it is possible to choose the amplitude of this harmonic in such a way that a harmonic of the same order occurs in the expansion of the specified function of the time. At this amplitude all the higher harmonics vanish with accuracy β^2 . The limits of applicability of this method are discussed. This report was presented by Academician of AN UkrSSR Yu. G. Mytropol's'kyy (Yu. A. Mitropol'skiy). Orig. art. has: 15 formulas.

SUB CODE: 11, 20 / SUBM DATE: 29Apr65 / ORIG REF: 002

Card 2/2 B.G.

1. ZHYHAYLO, YA. V.; POLYAKOV, M. V.
2. USSR 600
4. Nitric Oxide
7. Mechanism of the fixation of nitrogen during explosive combustion, Dop. AN USSR, No. 2, 1951
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

L 015 11-66 EMT(d)/EMT(m)/EMT(c)/EMT(v)/EIP(j)/T/EIP(k)/EIP(l)/EIC(m)
DIAAP WW/RM

ACCESSION NR: AP5014737

UR/0301/65/000/001/0044/0051

AUTHOR: **Zhykharaw, Ye. A. (deceased)**

TITLE: Use of radioactive isotopes in the industry of BSSR

SOURCE: AN BSSR. Izvestiya. Seriya fiziko-tehnicheskikh nauk,
no. 1, 1965, 44-51

TOPIC TAGS: radioactive isotope, tracer study, quality control

ABSTRACT: The author reports that since the first use of radioactive isotopes in the industry of BSSR in 1959, more than 350 radioisotope installations of various types have been installed, and the estimated economic gain from their use exceeds 750,000 rubles annually. Radioisotopes are used to greatest effect in the regulation of drying machinery, for which several control systems were developed in the laboratory for the use of isotopes and nuclear radiation of the Institute of Heat and Mass Exchange AN BSSR and

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L 01501-66

ACCESSION NR: AP5014737

tested in the textile and structural-material industries. By way of examples, the block diagram for the control of drying machinery for fibers and the control of a grinding wheel in automatic grinding machines, the control of the dimensions of the shaft during the grinding process, and remote batching of aggressive, toxic, and explosive media with a radioisotope flow meter are described. Systems are under development also for radioisotope methods for sampling control of the thickness of the coating film on leather. In all cases the control accuracy was deemed satisfactory. Orig. art. has 4 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: IE

MR REF Sov: 000

OTHER: 000

Card 2/2 *DP*

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

ZHYLIN, A.P., kandydat tekhnichnykh navuk

General mechanization in winning peat for fertilizer. Vestsi
AN BSSR no.4:51-69 Jl-Ag '54. (MIRA 8:9)
(Peat industry)

ZHYLKIBAYEV, K.Zh.

Fossil remains of elephants from the collections of the Institute of Zoology of the Academy of Sciences of the Kazakh S.S.R. Mat. po ist. fauny i flory Kazakh. 4:66-76 '63. (MIRA 16:9)
(Kazakhstan—Elephants, Fossil)

ZHYLYAIKOVA, A.V. (Saratov)

State of the cardiovascular system in acute diffuse nephritis
in children. Kaz. med. zhur. no.5t83 8-01'63 (MIRA 16:12)

USSR/Human and Animal Physiology. Neuro-Muscular Physiology. T

Abs Jour: Ref Zhur-Biol, No 8, 1953, 36781.

Author : Zhynkov, E.K.

Inst :

Title : On the Problem of the Development of the Phasic and Tonic Apparatus in Philogenesis.

Orig Pub: Uch. Zap. LGU, 1957, No 222, 86-93.

Abstract: The specialized phasic and tonic apparatus should not be considered as a phylogenetically recent or old step in evolution, but as an extremely adaptive development of the contractile structure along the line of its activity in a unit.

Card : 1/1

DUBININ, M.M., akademik, otvetstvennyy redaktor; GAFON, Ye.N.; GAPON, T.B.; KHYPAKHINA, Ye.S.; RACHINSKIY, V.V.; BELEN'KAYA, I.M.; SHUVAEVA, G.M.; TROGINSKIY, S.Z.; LANOVSKIY, N.I.; FUSS, N.A.; KIGELEV, A.V.; NEYMARK, I.Ye.; SLYNYAKOVA, I.E.; KHATSET, F.I.; LOSEV, I.P.; TROSTYANSKAYA, Ye.B.; TEVLINA, A.S.; DAVANKOV, A.B.; SALDAKIN, K.M.; BRUMBERG, Ye.M.; ZHIDKOVA, Z.V.; VEDENEEVA, N.Ye.; NAPOL'SKIY, S.A.; MIKHAYLOVA, Ye.A.; KAZANSKIY, B.A.; RYABCHIKOV, D.I.; SHEMYAKIN, F.M.; KHETOVICH, V.L.; BUNDEL', A.A.; SAVINOV, B.G.; VENDT, V.P.; EPSTEYN, Ya.A.

[Research in the field of chromatography transactions of the All-Union Conference on Chromatography, November 21-24, 1950] Issledovaniia v oblasti khromatografii; trudy Vsesoiuznogo soveshchaniia po khromatografii, 21-24 noiabria 1950 g. Moskva, Izd-vo Akademii nauk SSSR, 1952. 225 p.

(MLRA 6:5)

I. Akademiya nauk SSSR. Otdelenie khimicheskikh nauk.

(Chromatographic analysis)

Zhyrmunski, A.M.
ZHYRMUNSKI, A.M.

History of the development of new relief in the western part
of the central Russian Platform during the Quaternary (Anthropozoic)
period. Vestsii AN BSSR. Ser. fiz.-tskh. nav. no.2:97-108 '57.

(MIRA 11:1)
(Russian Platform--Geology, Structural)

ZHYRMUNSKI, A.M.

Academician V.A. Obruchev's pulsation hypothesis in geotectonics and its application to a geotectonic analysis of the White Russian S.S.R. and neighboring provinces. Vestsii AN BSSR. Ser. fiz.-tekhn. nauk. no. 3:85-95 '56. (MIRA 10:1)

1. Chlen-karespandent Akademii nauk BSSR.
(White Russia--Geology, Structural)

L 29247-66

ENR(d)/EMP(1)

IJP(c)

EC

SOURCE CODE: UX/0102/45/000/003/0013/0026

ACC NR: AF019310
AUTHOR: Zhitets'kyy, L. S. -- Zhitetskiy, L. S. (Kiev); Skurykhin, V. I. --
Skurikhin, V. I. (Kiev)38
B

ORG: none

TITLE: Some problems of the dynamics of combined servomechanisms of machines with
program control

SOURCE: Avtomatyka, no. 3, 1965, 19-26

TOPIC TAGS: servomechanism, digital system

ABSTRACT: Transient responses in combined servomechanisms designed for machines with digital program control are considered. These responses occur at the moment of passing of conjugate points of the interpolated section of a trajectory as a result of the impossibility of organizing infinitely large control signals required to satisfy the invariance conditions. Analytical dependences are established which couple the maximum dynamic error with servo drive parameters, the geometry of the loop, and the kinematics of motion. It is also possible to consider first all aspects of the control process (technical requirements of reproduction quality, geometry of the loop, dynamics of the actuating mechanism) on a universal computer which prepares the program for machine lathes with program control. Orig. art. has: 4 figures and 19 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 25Jul64 / ORIG REF: 007
Card 1/1 CC

ZHYUGZHDA, A. I., kandidat meditsinskikh nauk (Kaunas)

Diagnosis and etiologic classification of myocardial dystrophy.
Terap.arkh. 27 no.1:86-87 '55.
(MYOCARDIUM, diseases,
dystrophy, diag., etiol. & classif.)

(MIR 8:7)

ZHYUGZDA, A.I. [Ziugzda, A.I.], doktor med.nauk

Problems of rheumatic fever at the Sixth Conference of Therapists of the Lithuanian S.S.R. Vop.revm. 2 no.3:85-86 Jl-3 '62.

(RHEUMATIC FEVER—CONGRESSES)

(MIRA 16:2)

A.I.

ZHYUGZHDA, A.Yu. [Žiugžda, A.J.] (Kaunas)

Effectiveness of treating chronic anacid gastritis at Birštonas.
Vop.kur.fizioter. i lech.fiz.kul't. 23 no.2:119-122 Mr-Ap '58.
(STOMACH--DISEASES) (MIRA 11:6)
(BIRSTOMAS--HYDROTHERAPY)

ZHYUGZHDA, ALFREDAS LOZAS

ZHYUGZHDA, A. I., Doc Med Sci (diss) -- "Therapeutic work at the Birshtoras spa, and the outlook for its further development". Kaunas, 1959. 90 pp (Min Health Lithuanian SSR, Kaunas State Med Inst), 150 copies (KL, No 25, 1959, 138)

ZHYUCZHDA, I.I. [Ziugzda, J.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Investigation of the heat emission from a plate in a viscous flow with a laminar boundary layer. Liet ak darbai B no.4: 189-196 '61.

1. Institut energetiki i elekrotekhniki AN Litovskoy SSR.

ACCESSION NR: AP4038656

S/0170/64/000/004/0003/007

AUTHOR: Shukauskas, A. A.; Ambrazyavichyus, A. B.; Zhyugzhda, I. I.

TITLE: Effect of the nonisothermality of a surface on the heat exchange of a plate in longitudinal flow

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 4, 1964, 3-7

TOPIC TAGS: Surface nonisothermality, heat exchange, longitudinal flow, laminar boundary layer, turbulent boundary layer, laminar flow, turbulent flow, heat transfer

ABSTRACT: The heat exchange between a nonisothermal plate and a flow of air, water, and transformer oil with a laminar and turbulent boundary was studied experimentally in the range of Re numbers ranging from 10 to 3×10^7 . Criterial equations were derived for calculating the heat exchange between a plate and a laminar and turbulent boundary layer. It was found that in the case of a laminar boundary layer, the initial unheated segment of the plate has a substantial effect on the heat transfer. The nonisothermality of the surface has an appreciable effect on the rate of the heat exchange. Orig. art. has: 3 figures, 7 formulas, and 2 tables.

Card 1/2 *Paul Power & Elec. Engn. AN 11455R*

ZHUKAUSKAS, A. A.; ZHYUGZHDA, I. I.

"Experimental investigation of heat transfer and hydrodynamic resistance in the entry of a plane channel with laminar flow of viscous fluid."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Inst Power & Electrical Engineering, AS LitSSR.

MAKARYAVICHYUS, V.I. [Makarevicius, V.]; ZHUGZDA, I.I. [Ziugzda, J.];
ZHUKAUSKAS, A.A. [Zukauskas, A.]

Calculating the heat transfer from and to curved surfaces in the
case of a laminar boundary layer. Trudy AN Lit. SSR Ser. B no.3:
191-202 '62. (MIRA 18:3)

1. Institut energetiki i elektrotehniki AN Litovskoy SSR.

ZHYUGZHDA, I.I. [Ziugzda, J.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Experimental study of local heat transfer from a nonisothermal plate involving a laminar boundary layer. Trudy AN Lit. SSR Ser. B no.4:117-127 '62.

Effect of an unheated entrance region on the heat transfer from a plate involving a laminar boundary layer in a liquid flow.
Ibid.:129-136 (MIRA 18:3)

1. Institut energetiki i elektrotehniki AN Litovskoy SSR.

MATYUKAS, A.A. [Matiukas, A.]; ZHUGZHDA, I.I. [Ziugzda, J.]; MAKARYAVICHYUS, V.I. [Makarevicius, V.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Using semiconductor thermistors for measuring viscous fluid flow speed. Trudy AN Lit. SSR Ser. B no.3:87-90 '63.

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR. (MIRA 18:3)

MAKARYVICHYUS, V.I. [Makarevicius, V.]; ZHYUGZHDA, I.I. [Ziugzda, I.];
AMBRAZYAVICHYUS, A.B. [Ambrazevicius, A.]; EYLUKYAVICHYUS, P.I.
[Eidukevicius, P.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Speed distribution in the isothermal boundary layer on a plate.
Trudy AN Lit. SSR Ser. B no.3:91-97 '63.

(MIRA 18:3)

1. Institut energetiki i elektrotehniki AN Litovskoy SSR.

ZHYUG2HDA, I.I. [Ziugzda, I.]; MAKARYAVICHYUS, V.I. [Makarevicius, V.];
SHLANCHYauskas, A.A. [Slanciauskas, A.]; AMBRAZYAVICHYUS, A.B.
[Ambrazevicius, A.]; EYDUKYAVICHYUS, P.I. [Eidukevicius, P.];
ZHUKAUSKAS, A.A. [Zukauskas, A.]

Speed and temperature distribution in the turbulent boundary
layer on a plate. Trudy AN Lit. SSR Ser. B no.3:99-105 '63.

(MIRA 18:3)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.

ZHYUGZHDA, I.I. [Ziugzda, J.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Experimental study of local heat transfer in the entrance
section between parallel plates. Trudy AN Lit. SSSR. Ser.
B no. 1:117-124 '63. (MIRA 17:5)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSSR.

ZHUKAUSKAS, A.A. [Zukauskas, A.]; AMBRAZYAVICHYUS, A.B. [Ambrazevicius, A.];
ZHYUGZHDA, I.I. [Ziugzda, I.]

Effect of the nonisothermality of a surface on heat transfer
from a plate in a longitudinal flow. Inzh.-fiz. zhur. 7
no.4:3-7 Ap '64.

(MIRA 17:4)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR, Kaunas.

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26.5200

S/170/61/004/011/012/020
B108/B138AUTHORS: Zhukauskas, A. A., Zhyugzhda, I. I.TITLE: Experimental study of heat transfer from a longitudinally streamlined plate in a laminar boundary layerPERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 4, no. 11, 1961, 105 - 108

TEXT: Flow criteria obtained by M. A. Mikheyev (Sb. "Konvektivnyy i luchistyy teploobmen". Izd. AN SSSR, M., 1960) and other authors have so far not found any experimental proof for a wide range of Prandtl's number. Specifically, this refers to viscous liquids. For this reason, the authors carried out experiments in this field. They used two closed circuits, the one conveying water and air, the other transformer oil. A detailed description of this arrangement is given in a paper by A. B. Ambrazyavichyus and A. A. Zhukauskas (Trudy AN LitSSR, B. 4(16), 172, 1958). Two nickel-silicon plates (10.25 by 40 by 0.65 and 50.25 by 40 by 0.65 mm), with front edges rounded off, were used as test objects. Temperature on the upper and lower walls of the plates was measured by means of two copper-constantan thermocouples. The temperature field of the plates was kept

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3108/B138

Experimental study of heat transfer ...

uniform. Heat losses at the ends were checked. The plates were heated by direct current. It was found that the velocity field, as determined by means of a thermistor probe, failed to be uniform only in the transformer oil at temperatures between 10 and 30°C and low flow velocities $w < 0.2$ m/sec. The temperature of the liquid was varied from 10.5 to 60°C, and that of the plate wall from 30 to 103°C, flow velocity ranged from 0.02 to 2.0 m/sec, the Prandtl's number from 0.7 to 580, and the Reynolds number from 1 to $3.3 \cdot 10^4$. A flow criterion of the type

$Nu = f(Re^m, Pr^n)$ was to be determined. The authors finally found

$Nu_f = 0.70 \cdot 10^{0.5} \cdot Re_f^{0.36} \cdot [Pr_f/Pr_w]^{0.25}$ where the subscripts f and w refer to the temperatures in the flow and in the wall, respectively. This formula renders the true processes very well. There are 2 figures and 11 references: 6 Soviet and 5 non-Soviet. The three most recent references to English-language publications read as follows: Hara T. Trans. Japan Soc. Mech. Engrs., 20, no. 92, 1954; Ede A. J. and Saunders O. A. Proc. Inst. Mech. Engrs., 172, 26, 1958; Wan der Hegge Zijnen. App. Sci. Res., A, 6, 2-3, 1956.

Card 2/3

W

Experimental study of heat transfer ...

28911
S/170/61/004/011/012/020
B108/B138

ASSOCIATION: Institut energetiki i elektrotekhniki AN Litovskoy SSR, g.
Kaunas (Institute of Power Engineering and Electrical
Engineering AS Litovskaya SSR, Kaunas)

SUBMITTED: April 17, 1961

Card 3/3

24.57.07
 S/236/62/000/003/004/004
 D234/D308

AUTHORS:

Makaryavichyus, V.I., Zhyugzhda, I.I. and
 Zhukauskas, A.A.

TITLE:

Calculation of heat loss of curved surfaces
 in the case of laminar boundary layer

SOURCE:

Akademiya nauk Litovskoy SSR, Trudy. Seriya
 B, no. 3, 1962, 191 - 201

TEXT: The heat loss coefficient is determined for
 a wedgeshaped body, introducing the angle coefficient $\beta = 2\alpha/\delta + 1$
 (α being Euler's number) and assuming a temperature distribution
 $T_0 x^\beta$. The results are:

$$\alpha(x)_{\delta=0} = \frac{4}{3} \alpha(x)_{\delta=0} \cdot \theta \frac{\Gamma(84/3) \Gamma(2/3)}{\Gamma(84/3 + 2/3)} \quad (15)$$

and

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Calculation of heat loss ..

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D234/D308

$$\alpha(x)_{\delta=1} = \frac{2}{3} \alpha(x)_{\delta=0} \cdot \frac{\Gamma(\delta + 2/3) \Gamma(2/3)}{\Gamma(\delta - 2/3 + 2/3)} \quad (16)$$

For bodies of arbitrary shape with constant temperature of the wall

$$Nu_x = 0.332 \chi(\delta) Re_x^{0.5} Pr^{0.333} + 0.067\beta - 0.026\beta^2 \quad (30)$$

with an accuracy of $\pm 3\%$, and if the surface temperature changes exponentially,

$$Nu_x = 0.332 \chi(\delta, \theta) Re_x^{0.5} Pr^{0.333} + 0.067\beta - 0.026\beta^2 \quad (33)$$

$\chi(\delta)$ is called the dynamical restoration coefficient, $\chi(\delta, \theta)$ the universal restoration coefficient; both are plotted. The results are found to agree with experiments carried out by the authors on a plate in longitudinal flow. There are 5 figures

Card 2/3

S/236/63/000/001/008/015
D251/D308

AUTHOR: Zhyugzhda, I. I. and Zhukauskas, A. A.

TITLE: Experimental investigation of local heat evolution in the intake section between two parallel plates

SOURCE Akademiya nauk Litovskoy SSR. Trudy. Seriya B. no. 1, 1963, 117-124

TEXT: The authors give a survey of experimental and theoretical investigations of heat evolution in an intake section in the case of two parallel plates and in a circular pipe. The method of incomplete modeling was used to investigate local and mean heat evolution between two parallel plates of length 22 mm. A constant thermal flow was used, and the distances between the plates in different experiments were 50, 20, 10 and 4 mm. The fluids used were air, water and transformer oil where, in the usual terminology, R_{jx} varied from 5 to 1.2×10^5 Re_f from 14 to 3.8×10^3 , Pr_j from 0.7 to 580. The full characteristics of the flows are

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D251/D306

presented in tabular forms, and the criterial equations

$$Nu_{fx} = 0.95 Re_{fx}^{0.5} Pr_f^{0.33} [x/s Re_{fs}]^{0.1} [Pr_f/Pr_w]^{0.25} \quad (2)$$

$$Nu_{fl} = 1.35 Re_{fl}^{0.5} Pr_f^{0.33} [l/s Re_{fs}]^{0.1} [Pr_f/Pr_w]^{0.25} \quad (3)$$

are established for the local and mean heat-emission respectively. The distance from the beginning of the intake is used as the defining dimension in the criterial equation in the local case and the length of the tube in the local case. The temperature of the plates varied exponentially. Comparison with the formulas of other authors gave deviations from +8 to -20% in the results. The formation of boundary layers in the intake part of a channel, and the effect of the pressure gradient of velocity on these layers is

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Experimental investigation of ... S/235/63/000/001/008/015
shown (increase of these factors reduced the boundary layers). The
parameter $(x/sRe_{js})^{0.1}$, where s is the distance between the plates
and x the characteristic dimension is used to take into account the
effect on local evolution of heat in the intake part. There are 4
figures and 1 table.

ASSOCIATION: Institut energetiki i elektrotehniki Akademii nauk
Litovskoy SSR (Institute of Power and Electrical En-
gineering of the AS Lithuanian SSR)

SUBMITTED: April 18, 1962

Card 3/3

USSR/Human and Animal Physiology. Nervous System.
Higher Nervous System. Behavior. T

Ab: Jour: Ref Zhur-Biol., No 20, 1958, 93669.

Author : Martsinkyavichyus, M., Zhyugzhda, Z.

Inst :

Title : Determination of the Type of the Nervous System.

Orig Pub: Sveikatos apsauga, 1958, No 1, 7 - 10.

Abstract: No abstract.

Card : 1/1

139

ZHYURLIS, A.

6738. Zhyurlis, A. Ustav sel'skokhozyaystvehnoy Arteli--osnovnoy zakon kolkhoznoy zhizni. Vil'nyus, Gospolitnauchizdat, 1954. 32 s. 22 sm. (0-v) po rasprostraneniyu polit. i nauch. znanii Litov. SSR). 5.000 ekz. 35 k. -- Na Litov. yaz. -- (55-2230) 338. IK. 02

SO: Knizhnaya Letopis' No. 6, 1955

ZEZHIN, N.Ye. inzhener

The ER-5 diesel-electric rotary ditch and trench excavator. Mekh.
stroi. 12 no.9:18-22 S'55. (MIRA 8:11)
(Excavating machinery)

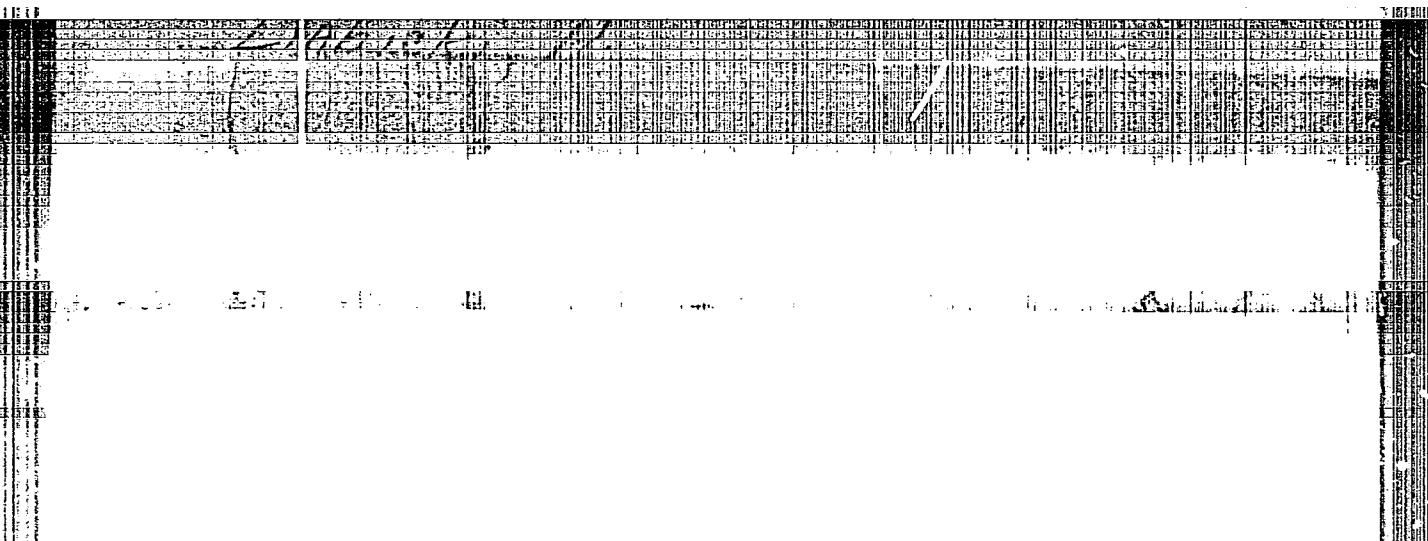
SOCHAVI, A.V.; MARTINSON, G.G.; Prinimala uchastiye ZNIZRNYL'SKAYA,
G.I.

[Continental Cretaceous deposits of Fergana] Melovye konti-
nental'nye otlozheniya Fergany. Moskva, Nauka, 1965. 153 p.
(MIRA 18:10)

1. Akademiya nauk SSSR. Otdeleniye nauk o Zemle.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2



APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

ZIABIL-1, A.

Distr: 4E2c(5)

✓ Polyamide resins. 15 Instytut Włókien Sztucznych i Syntetycznych (by A. Zdziarski and H. Murykka). Pol. 37, 036-
Feb. 15, 1988. Polyamide resins of various physicochemical properties can be obtained from adipic acid or β -methyl-
adipic acid condensed with hexamethylenediamine or N -methylhexamethylenediamine substituted in 1-50%.
Materials for the production of fibers, films, and artificial skins are obtained by changing the degree of methylation of
the raw materials. K. Bojanowski

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"APPROVED FOR RELEASE: 09/19/2001

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SECRET

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

ZIABICKI, Andrzej

Phenomena of molecular orientation occurring in the process of
formation of fibers from molten polymers. *Chemia stosow. B 1*
no.1:57-107 '64.

1. Department of Technical Physics of the Institute of General
Chemistry, Warsaw. Submitted March 7, 1962.

TAKSIRMAN-KROZER, R.; ZIABICKI, A.

Certain problems of structural viscosity and thikotropy of
diluted polymer solutions. Polimery tworzące wielk. 8 no. 6:
236-237 Je '63.

1. Pracownia Fizyki Polimerow, Zaklad Fizyki Technicznej,
Instytut Chemii Organicznej, Warszawa.

ZIABICKI, A.

A. Ziabicki: "Titanium-Organic Polymers" (Polimery Tytanoorganiczne), Wiadomosci Chemiczne, No. 11, Nov 55, pp 558-559.

ZIATICKI, A.

Modified polyamides. A. Ziaticki. *Przegrodz. Chem.* 9,
87-88 (1983). English translation available in *Chemical Abstracts* with 38 entries.
Gene A. Wozniak

ZIABICKI, Andrzej; TAKSERMAN-KROZER, Rachela

Formation and breakage of liquid threads. Pt. 3. Rocznik chemii 37
no.12:1607-1616 '63.

1. Institute of General Chemistry, Department of Technical Physics,
Warszawa-Zoliborz.

ZIABICKI, A.

Hydrodynamics of a free, steady-state jet subject to axial tension. Pt.4. Bul Ac Pol tech 12 no.12;925-931 '64.

1. Department of Technical Physics of the Institute of General Chemistry, Warsaw. Submitted October 5, 1964.

ZLABICKI, Andrzej

Research on the physical fundamentals of the forming of fibers (spinning) from melted polymers. Przem chem 41 no.8:441-446 Ag '62.

1. Zaklad Fizyki Technicznej, Instytut Chemii Ogolnej, Warszawa.

ZIABICKI, Andrzej

Mechanical phenomena in the spinning process from molten polymers. Chemia stosow 5 no.4:475-526 '61.

1. Instytut Chemii Ogolnej, Zaklad Fizyki Technicznej,
Warszawa.

ZIABIC(1, Andrzej; TAKSLEMAN-KROZER, Rachela

Formation and breakage of liquid threads. Pts. 1-2. Roczniki
chemii 37 no.11:1503-1518 '63.

1. Institute of General Chemistry, Department of Technical Physics,
Warsaw-Zoliborz.

ZIABICKI, Andrzej; KEDZIERSKA, Krystyna

Heat transfer in the process of fiber formation from molten polymers.
Chemia stosow 4 no.2:151-181 '60. (EKA 10:3)

1. Gorzowskie Zakladu Wloekien Sztucznych, Pracownia Fizyko-Chemiczna,
Gorzow Wlkp. 2. Instytut Chemii Ogolnej, Warszawa 27 (for Ziabicki)
(Heat) (Fibers) (Polymers and polymerization)

ZIABICKI, A.

Hydrodynamics of a free, steady-state jet subject to axial tension.
Pt.3. Bul. Ac. Pol. Tech. 12 no.11:821-828 '64.

1. Department of Technical Physics of the Institute of General
Chemistry, Warsaw. Submitted July 7, 1964.

ZIABICKI, A.

Hydrodynamics of a free steady-state jet subject to axial tension. Pts.1-2. Bul Ac Pol tech 12 no.10:717-736 '64.

1. Department of Technical Physics of the Institute of General Chemistry, Warsaw. Submitted July 14, 1964.

S/081/62/CC9/006/116/117
B110/B101

AUTHOR: Ziabicki, Andrzej

TITLE: Current problems of polymer crystal structure

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 738, abstract
6R50 (Tworzywa wielkocząsteczkowe, v. 6, no. 4, 1961, 107-111)

TEXT: Fundamental problems of polymer structure were investigated: the thermodynamics and kinetics of crystallization, crystal polymer morphology, methods of investigating polymer structure and texture and their influence on the physical properties of polymers. 26 references. [Abstracter's note: Complete translation.]

Card 1/1

Organic Chemistry

Prep. of *p*-phenylenet. A. Zilch. *J. Prakt. Chem.* 30, 619-51 (1951). —A lab. method is discussed for prep. *p*-[$\text{PhC}_6\text{H}_4\text{O}]_2\text{H}_2$, based on the reaction of benzene diazonium salts with phenol. 19 references. Frank Conet

POLAND/Chemical Technology. Chemical Products and Their
Applications. Artificial and Synthetic Fibers.

K-4

Abs Jour: Ref. Zhur-Khimiya, No 1, 1958, 3242.

Author : Z. Zieabicki

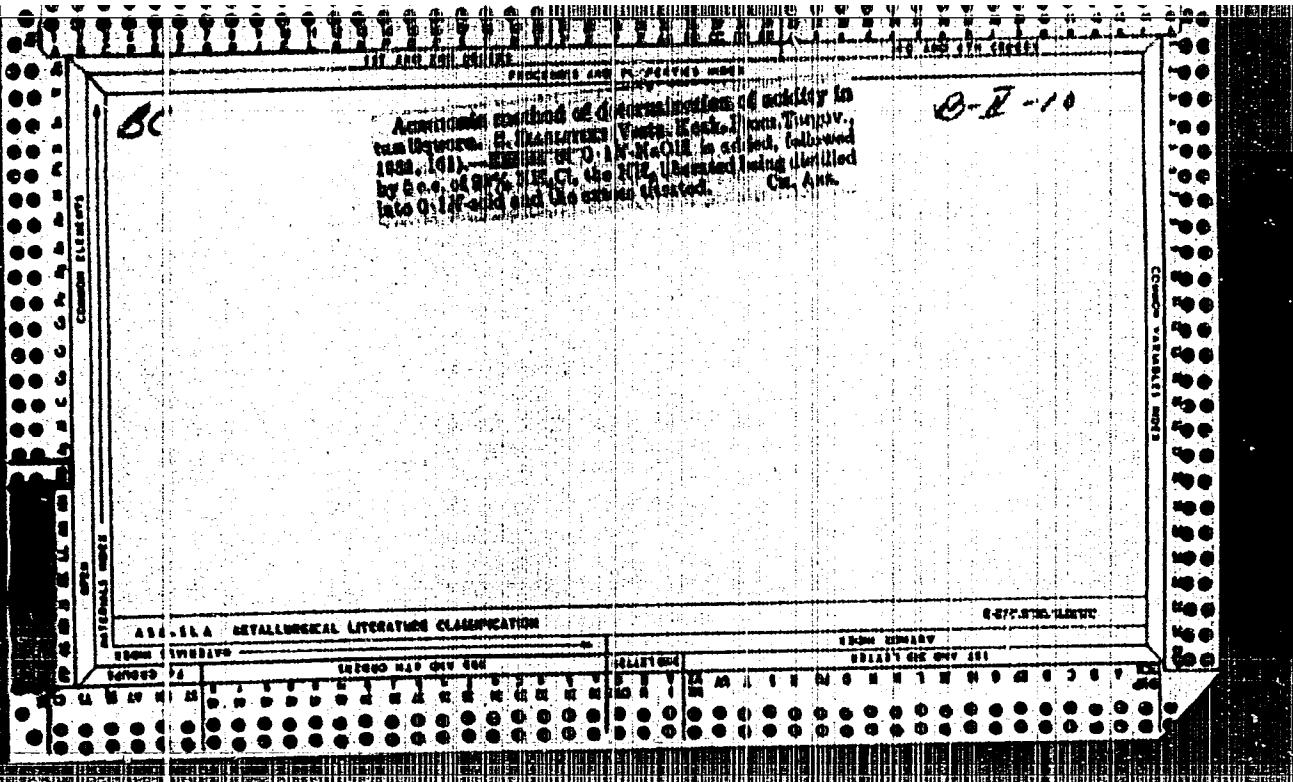
Inst :

Title : X-ray Methods of Investigating Polymers and Synthetic
Fibers.

Orig Pub: Przem. chem., 1957, 13, No 3, 143-149

Abstract: Review. 34-item bibliography.

Card : 1/1



Ammonia method of determination of acidity in tan liquors. S. ZIADEHIZAR, *Vestnik Kozhobezbrazhnoi Prom. i Torgova* 1931, 101. Direct titrations of the tan liquors with alkali are never satisfactory because of general difficulties of obtaining a sharp end point with weak org. acids; this condition is aggravated by the color of the tan liquors and by partial pptn. of some indicators with the tanns. The NH₃ method of detn. of acidity in tan liquors was developed as follows: A known excess of 0.1 N NaOH was run into an aliquot of the analytical soln. Then 3 cc. of 30% NH₄Cl soln. was added and the ammonia liberated was distil. into excess of 0.1 N H₂SO₄ acid, methyl orange being used as an indicator. The NaOH used was first consumed to neutralize acidity of the tan liquor and second to decomp. NH₄Cl. After the amt. of NH₄Cl decompd. is detd. acidity of the tan liquor is caled. by difference. A. SALAMATOV

4.3 B-1.4 METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

ZIABREVA, N. N.

Laboratory studies for course on "Tolerance and technical measurement."
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1952. 283 p.
(54-18336)

TAL65.25

L 44768-65

SWP(c)/DATA 1/10/65 10004-2

DATA 1/10/65 10004-2

DATA 1/10/65 10004-2

Originals, 4 Figures, and 2 Tables

ASSOCIATION: SMZ, Dubnica nad Vahom

SUBMITTED: 11

ENCL: 0

FILE CODE: MN, 2E

100

ANTINGER, Istvan, okleveles kchomernok; ZILAI, Gyorgy, okleveles gepszmernok

Defects of cylinder sleeves prepared through centrifugal casting
and methods for eliminating them. Gep 16 no. 101385-392 0 164.

1. Institute of Mechanical Technology, Budapest Technical University,
Budapest.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2

L 01729 5 P0-4/P0-4/P0-4/P0-4/P0-4

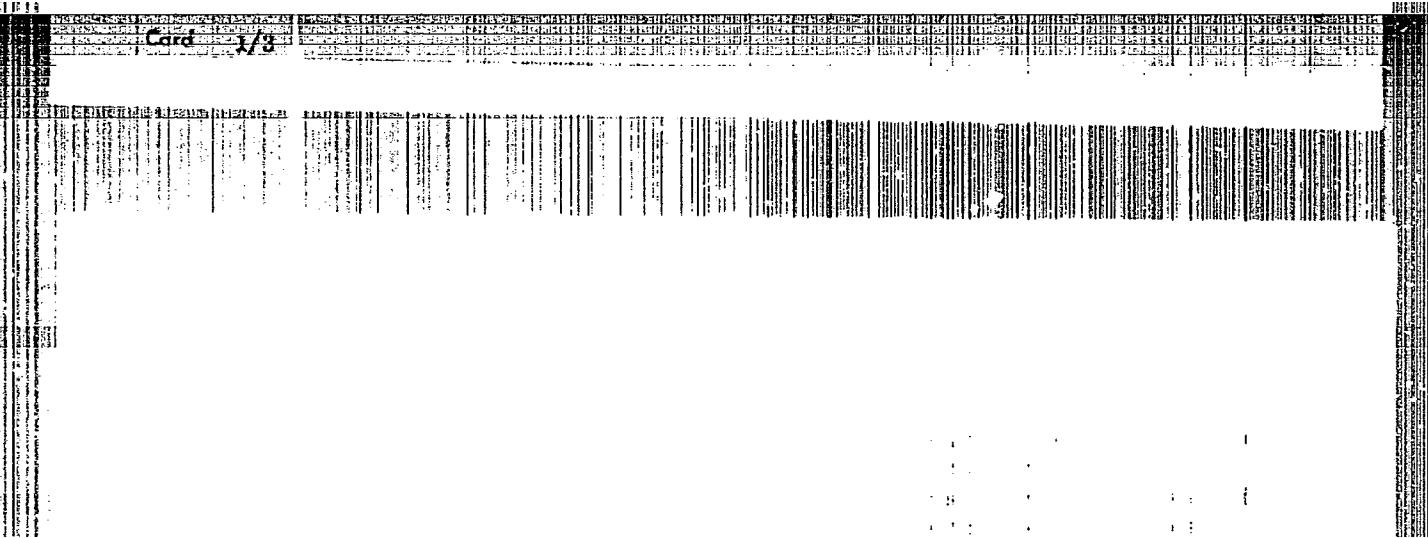
APPROVED FOR RELEASE: 09/19/2001

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"APPROVED FOR RELEASE: 09/19/2001

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Card X/3



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APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

Cord

1/30/00

ZIAJA, GY.

Effect of tempering on the contraction work of aluminum. p. 157.

PERIODICA POLYTECHNICA. ENGINEERING. Budapest Hungary. Vol. 3, no. 2, 1959

Monthly list of East European Accessions (EEAI) LG. Vol. 8, no. 12, Dec. 1959
Uncl.

CZECHOSLOVAKIA
6 Oct 63

ZIAK, Anton

Engr, director, Directorate of Water Resources Development
(Riadielstvo Vodohospodarskeho Rozvoja) in
Bratislava, interviewed by Praca about the preparations
for the construction of Czechoslovak-Hungarian water
works.

Praca, Bratislava, 6 Oct 63, p 1.

(1)

ARTES, A.E.; ZIAN, N.; NIKIFOROV, V.K.

Radioisotope devices for thickness control during automatic sheet-metal work. Kuz.-shtam. proizv. 7 no.8:9-13 Ag '65. (MIRA 18:9)

LOMIZH, G.M., doktor tekhn.nauk, prof.; ZIANGIROV, R.S., kand.tekhn.nauk

Using electroacoustic piezodynamometers in the construction of
the Plavinas Hydroelectric Power Station. Gidr.stroi. 32
no.4:33-35 Ap '62. (MIRA 1514)
(Plavinas Hydroelectric Power Station) (Dynamometer)

ZLINSKOV, R.S.

Coefficient of electro-osmosis and some laws of electro-osmotic filtration in soils. Trudy MNI no.28:86-99 '56. (MIRA 10:6)
(Soil stabilization)

Ziangirov, R.S.

124-1957-10-11810 D

Translated from: Referativnyy zhurnal, Mekhanika, 1957, Nr 10, p 89 (USSR)

AUTHOR: Ziangirov, R.S.

TITLE: The Electroosmosis Coefficient and Some Laws Concerning the
Electroosmotic Filtration in the Soil (Koeffitsiyent elektroosmosa
i nekotoryye zakonomernosti elektroosmoticheskoy fil'tratsii v
gruntakh)

ABSTRACT: Bibliographic entry on the Author's dissertation for the degree
of Candidate of Technical Sciences, presented to the Mosk. energ.
in-t (Moscow Power Institute), Moscow, 1957.

ASSOCIATION: Mosk. energ. in-t (Moscow Power Institute), Moscow

Card 1/1

ZIANPIROV, R.S.

Determining the coefficient of electroosmosis of soils in field
testing. Osn. fund. i mekh. grun. 2 no.6:20-27 '60.

(MIRA 13:12)

(Electroosmosis) (Soil mechanics)

ZIANGIROV, R.S.

Selection of methods for determining the specific gravity of soils.
Izv. vys. ucheb. zav.; geol. i razv. 7 no.5:141-142 My '64.

(MIRA 16:3)

1. Moskovskiy gosudarstvennyy universitet.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2

~~procedure is equal to zero~~ the definite end of the drill for the purpose of

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110004-2"

----, because of electrolysis, and movement of the pore solution and its liberation near the cathode, due to electromigration. Both methods are being studied for reclamation of the ore. The methods are: (1) Electrolytic, (2) Chemical.

NO REF Sov: 007

Card 2/2

GONCHAROVA, L.V., kand. geol.-miner. nauk; ZHANGINOV, R.S., kand. geol.-
miner. nauk

Practices in making seepage control screens from a mixture of
sand with hydrated silicate-clay. Gidr. i mel. 16 no.12:30-38
D '64
(MIRA 18:2)

1. Moskovskiy gosudarstvennyy universitet.

CHZHAO TSZE-SAN! [Chao Chich-san], ZIANGIROV, R.S.

Seismoelectric effect of the second kind in disperse soils. Izv.
AN SSSR. Fiz. zem. no.3:76-79 '65.
(MIRA 18:?)

GONCHAROVA, L.V.; ZIANGIROV, R.S.

Practice in making firm antifiltration sand screens reinforced
with carbamide resin. Vest. Mosk. un. Ser. 4 Geol. 20 no.6
65-74 N-D '65 (MIRA 1981)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo
gosudarstvennogo universiteta. Submitted June 28, 1964.

ZIANCIROVA, G.G.

Precancerous and cancerous diseases of the eyelids and conjunctiva.
Vest.oft. no.5:3-6 '62. (MIRA 15:12)

1. Moskovskaya glaznaya klinicheskaya bol'nitsa (nauchnyy
rukovoditel' - zasluzhennyy deyatel' nauki prof. M.L.
Krasnov, zav. gistologicheskoy laboratoriye - kandidat
meditsinskikh nauk V.M.Shekalova).

(EYELIDS--CANCER) (CONJUNCTIVA--CANCER)

KRASNCV, M.L., prof.; SIVOSHINSKIY, D.S., dotsent; ZIANGIROVA, G.G.;
VYALOVA, Ye.V.; STEN'KO, Z.L.

Results of three year's use of radioactive isotopes in the
diagnosis of intraocular tumors. Trudy TSIU 71:107-112 '64.

1. Kafedra glaznykh bolezney (zav. prof. M.L. Krasnov), kafedra
meditsinskoy radiologii (zav. prof. V.K. Modestov) TSentral'nogo
instituta usovershenstvovaniya vrachey i Moskovskaya glaznaya
klinicheskaya bol'nitsa. (MIRA 18:6)

KRASNOV, M.L., prof.; PIVOSHINSKII, D.S., docent; BROVKINA, A.F.;
ZIANGIROVA, G.G.

Results of radiisotopic diagnosis of tumors of the orbit.
Trudy ISIU 71:13-118 '86. (MIRA 18,6)

1. Kafedra glaznykh bolezney (zav. prof. M.L. Krashov) i kafedra
mediteinskoy radiologii (zav. prof. V.K. Medastov) Tsentral'nogo
instituta usovershenstvovaniya vrachey i Moskovskoy glaznoy
klinicheskoy polikliniki.

ZIANI, P.

Science of plant associations, basis of modern forestry. p. 422.

SUMARSKI LIST. (Drustvo sumarskih inzenjera i tehnicara FNR Jugoslavije)

Zagreb. Vol. 79, no. 11/12 Nov/Dec. 1955.

So. East European Acquisitions List Vol. 5, No. 9 September, 1956

ZIANI, P.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

The importance of a system in planning
forest improvement operations. p. 109.
SUMARSKI LIST. Vol. 75, no. 3-4, Mar.-Apr.
1951.

East European Accessions List. Library of
Congress. Vol. 2, no. 3, March 1953. UNCLASSIFIED